



MONICA A-1912080@nec



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DAILY CHALLENGE

ProgramID- 6303



SkillRack

Rotate K Times

The program must accept **N** integers and **K** (number of rotation(s)) as input. The program must print **N** integers after **K** rotation(s) in clockwise direction as output.

Boundary Condition(s):

 $1 \leq N \leq 999$ $1 \leq K \leq 9999999999$

Input Format:

The first line contains the integer value of **N**.

The second line contains **N** integers separated by space(s).

The third line contains the integer value of **K**.

Output Format:

The first line contains **N** integers separated by space(s).

Example Input/Output 1:

Input:

5

1 2 3 4 5

2

Output:

4 5 1 2 3

Explanation:

After the first rotation, the given array elements are **5 1 2 3 4**.

After the second rotation, the given array elements are **4 5 1 2 3**.

So, **4 5 1 2 3** is printed.

Example Input/Output 2:

Input:

9

12 23 34 45 6 67 78 89 90

15

Output:

45 6 67 78 89 90 12 23 34

Max Execution Time Limit: 5000 millisecs



Ambiance



Java (12.0)



Reset

```
1 import java.util.*;
2 public class Hello {
3
4     public static void main(String[] args) {
5         Scanner sc=new Scanner(System.in);
6         int n=sc.nextInt();
7         int[] arr=new int[n];
8         for(int i=0;i<n;i++){
9             arr[i]=sc.nextInt();
10        }
11        long k=sc.nextLong();
12        if(k>n){
13            int a=(int)(k%n);
14
15            for(int i=arr.length-a;i<=(arr.length-1);i++){
16                System.out.print(arr[i]+" ");
17            }
18            for(int i=0;i<arr.length-a;i++){
19                System.out.print(arr[i]+" ");
20            }
21        }
22        else{
23            for(int i=(arr.length)-(int)k;i<=(arr.length-1);i++){
24                System.out.print(arr[i]+" ");
25            }
26            for(int i=0;i<arr.length-k;i++){
27                System.out.print(arr[i]+" ");
28            }
29        }
```

```
30 |  
31 |  
32 | }  
33 | }
```

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Please wait while we run the program

☐ Run with a custom test case (Input/Output)